

PATENT APPLICATION  
File No: 98-29D1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Paul O. Sheppard, Nand Baindur, Theresa A. Deisher, Paul D. Bishop  
Serial No. : 09/809,617  
Group Art Unit : 1652  
Examiner : Kerr, K.  
Filed : March 15, 2001  
For : DISINTEGRIN HOMOLOGS  
Date Submitted : December 1, 2003

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TECH CENTER 1600/2900

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Madam/Sir:

In accordance with 37 C.F.R. 1.56, 1.97 and 1.98, Applicants submit herewith references which they believe may be material to the examination of this application and with respect to which there may be a duty to disclose in accordance with 37 C.F.R. 1.56.

In accordance with 37 C.F.R. 1.97, the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been conducted, nor shall it be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b).

The references are listed in PTO form 1449 which is in accordance with the requirements of M.P.E.P. 609. Applicants believe that their invention as claimed is patentable over the references. It is respectfully requested that these references be considered by the Patent and Trademark Office in its examination of the above-identified application and be made of record therein.

The present application is a divisional of U.S. Patent Application Serial No. 09/351,414, filed July 9, 1999, now U.S. Patent No. 6,265,199.

Pursuant to the provisions of M.P.E.P. §609 and in accordance with 37 C.F.R. §1.98(d), Applicants have not included copies of the documents listed on the 1449 forms that were previously cited by or submitted to the Patent and Trademark Office in a prior application identified herein. Below is a list of documents that were not previously cited by or submitted to the Patent and Trademark Office in any prior application identified herein. Copies of newly cited documents are provided herewith.

**List of Documents Not of Record in Prior Application**

Identifier	
A53	Incyte Pharmaceuticals Inc. EST, LIN305461R1, 1996
A54	TIGR Tentative Human Consensus THC157294, 1997
A55	Incyte Pharmaceuticals Inc. EST, INC5314544, 1998

Pursuant to the provisions of M.P.E.P. §609, Applicants further request that a copy of the 1449 form(s), marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Since this Information Disclosure Statement is submitted after receipt of an office action on the merits in the above-identified patent application, please charge a fee of \$180 to Deposit Account No. 26-0290 under 37 C.F.R. §§1.97(c) and 1.17(p). please charge any fee or credit any overpayment to Account No. 26-0290.

The Examiner is invited to contact the Undersigned at the telephone number listed below, if there are any questions concerning this paper or the attached references.

Respectfully submitted,



Robyn Adams  
Registration No. 44,495  
206-442-6752

FORM PTO 1449  
(REV 2-32)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

File No. 98-29

Serial No.  
09/351,414

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant(s):  
Paul O. Sheppard et al.

Filing Date:  
July 9, 1999

Group: 1643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	99/41388	8/19/99	PCT		
	A2	11 155574	6/15/99	JP		
	A3	97/40072	10/30/97	PCT		

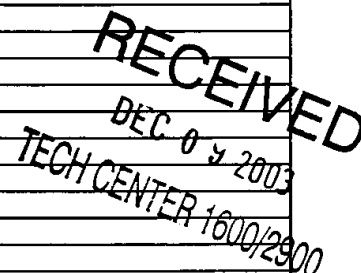
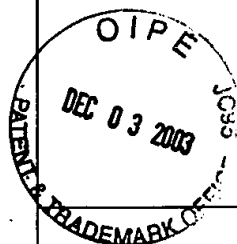
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)

A4		Sagane, et al., <u>Biochemistry Journal</u> 334:93-98, 1998
A5		Hochuli, et al., <u>Bio/Technology</u> (1988-11): 1321-1325, 1988
A6		Hopp, et al., <u>Proc. Natl. Acad. Sci.</u> 78: 3824-3828, 1981
A7		Wolfsberg, et al., <u>Developmental Biology</u> 169: 378-383, 1995
A8		Wolfsberg, et al., <u>Developmental Biology</u> 180: 389-401, 1996
A9		Blobel, <u>Cell</u> 90:589-592, 1997
A10		Jia, et al., <u>J.Biol. Chem.</u> 272: 13094-13102, 1997
A11		Barker, et al., <u>J. Med. Chem.</u> 35: 2040-2048, 1992
A12		Hillier et al., Acc. No. R15038, The Wash U-Merck EST Project, 1995.
A13		Adams, et al., Acc. No. AA317222, 1997.
A14		Hillier et al., Acc. No. R52569.1, The Wash U-Merck EST Project, 1995.
A15		Eisai Co. Ltd. Abstract No. JP11155574, 1999.
A16		Acc. No. AB009672, Entrez, 1998.
A17		Acc. No. AB009671, Entrez, 1998.
A18		Acc No. Z41219, EST68593, 1994.

Examiner

Date considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO 1449  
(REV 2-32)

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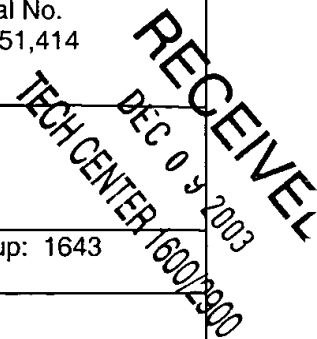
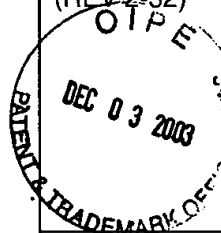
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A19		Acc No. F08148, EST127120, 1995.
A20		Acc. No. R15038, EST185722, The Wash U-Merck EST Project, 1995.
A21		Acc. No. R41476, EST224941, 1995.
A22		Acc. No. R52521, EST222586, 1995.
A23		Acc. No. R52569, EST222634, 1995.
A24		Acc No. AA317222, EST958582, 1997.
A25		Acc. No. AA511039, EST1155679, 1997.
A26		Acc. No. AA718688, EST1425401, 1997.
A27		Acc. No. AI535213, EST2351373, 1999.
A28		Acc. No. AI692184, EST2596722, 1999.
A29		TIGR Tentative human consensus, THC117909, 1997.
A30		TIGR Tentative human consensus, THC108261, 1997.
A31		Incyte Pharmaceuticals Inc. EST, INC2661076, 1997.
A32		LIFESEQ™ Library Information Results LUNGTUT09, Incyte Pharmaceuticals Inc., date unknown.
A33		Incyte Pharmaceuticals Inc. EST, INC2845562, 1997.

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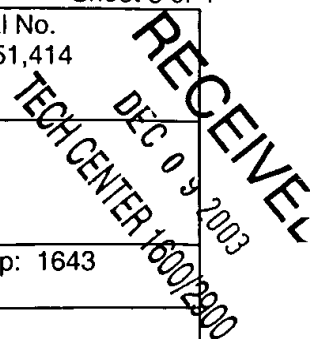
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A34		LIFESEQ™ Library Information Results DRGLNOT01, Incyte Pharmaceuticals Inc., date unknown.
A35		Incyte Pharmaceuticals Inc. EST, INC3564092, 1997.
A36		LIFESEQ™ Library Information Results SKINNOT05, Incyte Pharmaceuticals Inc., date unknown.
A37		Incyte Pharmaceuticals Inc. EST, INC3859516, 1997.
A38		LIFESEQ™ Library Information Results LNODNOT03, Incyte Pharmaceuticals Inc., date unknown.
A39		Incyte Pharmaceuticals Inc. EST, INC4624120, 1998.
A40		LIFESEQ™ Library Information Results ENDVNOT01, Incyte Pharmaceuticals Inc., date unknown.
A41		Incyte Pharmaceuticals Inc. EST, INC5095454, 1998.
A42		Incyte Pharmaceuticals Inc. EST, INC5094706, 1998.
A43		LIFESEQ™ Library Information Results EPIMNON05, Incyte Pharmaceuticals Inc., date unknown.
A44		Incyte Pharmaceuticals Inc. EST, INC5849729, 1999.
A45		LIFESEQ™ Library Information Results BRAENOT04, Incyte Pharmaceuticals Inc., date unknown.
A46		Lexicon Pharmaceuticals OST, OST38070, 1998.
A47		Sagane, K. et al., GenBank Accession No. BAA32351, August 14, 1998.
A48		Schwartz, E. et al., GenBank Accession No. CAA52735, July 27, 1994.

Examiner

Date considered

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RM PTO 1449 (REV 2-32)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		File No. 98-29D1		Serial No. 09/809,617	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant(s): Paul O. Sheppard, Nand Baindur, Theresa A. Deisher, Paul D. Bishop			
				Filing Date: March 15, 2001		Group: 1652	
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Examiner Initial		DOCUMENT NUMBER	Date	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)							
	A49		Renne, R. et al., GenBank Accession No. VCLJLK, September 9, 1994.				
	A50		Christiano, A. et al., GenBank Accession No. Q02388, February 15, 2000.				
	A51		Babel, W. et al., GenBank Accession No. XWBO, February 7, 1997.				
	A52		Duesterhoeft, A. et al., GenBank Accession No. S39088, April 12, 1996.				
	A53		Incyte Pharmaceuticals Inc. EST, LIN305461R1, 1996.				
	A54		TIGR Tentative Human Consensus THC157294, 1997.				
	A55		Incyte Pharmaceuticals Inc. EST, INC5314544, 1998.				
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